



Docket No.: 061352-0097

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Mamoru IZAWA, et al.	:	Confirmation Number: 2687
Application No.: 10/532,706	:	Group Art Unit: Not yet assigned
Filed: April 27, 2005	:	Examiner: Not yet assigned

For: CONNECTION STRUCTURES OF WIRING BOARD AND OF LIQUID CRYSTAL DISPLAY PANEL

**RESPONSE TO NOTICE  
OF MISSING REQUIREMENTS**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a copy of a Second Submission of a 1390 Form filed in Response to a Notice to File Missing Requirements filed on December 13, 2005. The Notice of Missing Requirements was dated November 28, 2005.

It is requested that the official filing receipt now be issued.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 MEF:aph  
Facsimile: 202.756.8087  
**Date: December 13, 2005**

**Please recognize our Customer No. 20277  
as our correspondence address.**

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

061352-0097

U.S. APPLIC. NO. (if known, see 37 CFR 1.5)  
10/532,706

INTERNATIONAL APPLICATION NO  
PCT/JP02/011172

INTERNATIONAL FILING DATE  
October 28, 2002

PRIORITY DATE CLAIMED  
April 27, 2001

TITLE OF INVENTION  
CONNECTION STRUCTURES OF WIRING BOARD AND OF LIQUID CRYSTAL DISPLAY PANEL

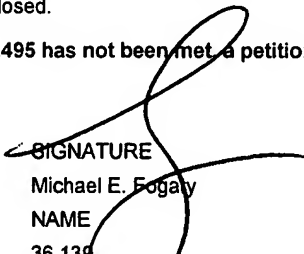
APPLICANTS FOR DO/EO/US  
Mamoru IZAWA, Tsuyoshi ISHIGAME

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendment has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information.

U.S. APPLIC. NO. (if known, see 37 CFR 1.50) 10/532,706		INTERNATIONAL APPLICATION NO. PCT/JP02/011172		ATTORNEY'S DOCKET NUMBER 061352-0097	
				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee \$300				\$	
22. <input checked="" type="checkbox"/> Examination Fee					
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0				\$	
All other situations \$200					
23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0				\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400					
All other situations \$500					
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
-100	/50=		X\$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20 =		x \$50.00	\$	
Independent Claims	-3 =		x \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$0.00	
				Amount to be refunded	\$
				Amount to be charged	\$0.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ <u>0.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number 20277 Telephone: 202.756.8000 Facsimile: 202.756.8087 Date: December 12, 2005					
			SIGNATURE  NAME 36,139 REGISTRATION NUMBER		



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,706	Mamoru Izawa	061352-0097

INTERNATIONAL APPLICATION NO.	
PCT/JP02/11172	
I.A. FILING DATE	PRIORITY DATE
10/28/2002	

20277  
 MCDERMOTT WILL & EMERY LLP  
 600 13TH STREET, N.W.  
 WASHINGTON, DC 20005-3096

**RECEIVED**  
 NOV 30 2005  
**MW&E**

CONFIRMATION NO. 2687  
 371 FORMALITIES LETTER  
  
 \*OC000000017515494\*

Date Mailed: 11/28/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/27/2005
- English Translation of the IA filed on 04/27/2005
- Copy of the International Search Report filed on 04/27/2005
- Information Disclosure Statements filed on 04/27/2005
- Request for Immediate Examination filed on 04/27/2005
- U.S. Basic National Fees filed on 04/27/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,706	PCT/JP02/11172	061352-0097

FORM PCT/DO/EO/905 (371 Formalities Notice)